

Title (en)

FULL-SPAN FORWARD SWEEP AIRFOILS FOR GAS TURBINE ENGINES

Title (de)

ÜBER DIE GESAMTE SCHAUFELHÖHE VORWÄRTSGEPFEILTE SCHAUFELN FÜR GASTURBINENTRIEBWERKE

Title (fr)

AUBES AVEC BORD D'ATTAQUE INCLINÉ VERS L'AVANT SUR TOUTE HAUTEUR POUR MOTEURS À TURBINE À GAZ

Publication

**EP 3296508 B1 20191016 (EN)**

Application

**EP 17180363 A 20170707**

Priority

US 201615261011 A 20160909

Abstract (en)

[origin: EP3296508A1] Rotor of a gas turbine engine having a rotor hub (303) and a plurality of blades (301) extending from the rotor hub, wherein each blade has a full-span forward sweep along a leading edge (330) of the blade that starts at an airfoil root of the blade at the hub and extends to a blade tip (324), wherein a sweep of a blade is a percentage of a root axial chord length of the respective blade.

IPC 8 full level

**F01D 5/14** (2006.01); **F04D 29/38** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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